

June 5, 2006
54.24614.0001

Ms. Vicki Jones
Stanislaus County
Department of Environmental Resources
3800 Cornucopia Way, Suite C
Modesto, CA 95358-9492

Subject: Summary of Groundwater Monitoring Well Destruction at 2006 L Street,
Newman, California

Dear Ms. Jones:

ATC Associates Inc. (ATC) has prepared this summary of groundwater monitoring well destruction report, on behalf of Mr. William Cerutti, of the former GC&SP Trucking facility located at 2006 L Street in Newman, California. The purpose of the groundwater monitoring well destruction is to concur with the directive from Stanislaus County Department of Environmental Resources for site closure and to obtain a Remedial Action Completion Certification. This work is being done at the request of the Stanislaus County Department of Environmental Resources (SCDER) in their letter dated March 14, 2006.

The scope of work included obtaining a SCDER well destruction permit and destroying the existing groundwater monitoring well. The summary of work is described in detail in the following paragraphs.

SITE LOCATION

The site is located west of L Street and south of Inyo Avenue in Newman, California, as shown on Figure 1. The location is a commercial and industrial area with residential properties to the northeast. The site is currently occupied by a welding shop.

BACKGROUND

In approximately 1993, a site observation well was installed at the site. The well is about twelve feet in depth and twelve inches in diameter made of PVC plastic. Currently the well is dry.

In March 1994, two underground storage tanks (USTs) were removed from the site. The tanks were reported to have stored diesel fuel. A total of five soil samples were collected from the soil surrounding and beneath the tanks. Total petroleum hydrocarbons as diesel (TPHd), toluene,

ethyl benzene, and xylenes were detected in a soil samples collected near the southern portion of the UST excavation area (Figure 2).

From May 17 to June 15, 1994, additional soil was excavated south of the USTs. A total of three soil samples and one groundwater sample were collected from the additional excavation pit. TPHd was detected in the soil sample collected from the southwall of the additional excavation pit.

In October 2005, ATC advanced five Geoprobe® soil borings (GP1 through GP5) to a depth of 16 feet bgs in the vicinity of the former USTs to evaluate potential petroleum hydrocarbon impacts to soil and groundwater. TPHd was detected once in the soil sample collected from GP4 at an approximate depth of 8 feet bgs. None of the remaining analytes of interest were detected in the soil and groundwater samples collected from GP1 through GP5. Additionally ATC collected a groundwater sample from the existing monitoring well located on site. None of the analytes of interest were detected in the water sample collected from this well. Details of the subsurface investigation are summarized in the ATC report entitled *Summary Report of Subsurface Investigation, Former GC & SP Trucking Facility, 2006 L Street, Newman, California* dated January 6, 2006.

In March 2006, ATC performed mass calculations to estimate the mass of TPHd remaining in the subsurface soils at the site. ATC estimated approximately 0.14 kilograms or 0.31 pounds of TPHd to be remaining in the subsurface soils beneath the site. ATC did not perform mass calculations for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), tertiary butyl alcohol (TBA), methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl ether (TAME), 1,2-dichloroethane (1,2-DCA), and ethyl dibromide (EDB) since these analytes were not detected in soil and groundwater samples collected from the site during the October 2005 subsurface investigation. Details of the mass calculations are summarized in the ATC report entitled *Mass Calculations, Former GC & SP Trucking Facility, 2006 L Street, Newman, California* dated March 1, 2006.

WELL DESTRUCTION ACTIVITIES

On May 23, 2006, ATC supervised the abandonment of FW. FW was constructed of approximately 13 feet of 12-inch diameter blank schedule 80 PVC with an open bottom. The well abandonment was conducted by Woodward Drilling Co. Inc, State C57 License No. 710079. Prior to destroying the well, the upper three feet of soil surrounding the well was removed to investigate if an annular seal was used and allow for the well abandonment. The well was destroyed by cutting a seam through the sidewall of the well casing and removing the casing using a wench line mounted to the drill rig. Neat cement grout was pumped through the casing as it was removed. The original well casing was used as a tremmie pipe.

If you have any questions regarding the well abandonment activities, please contact us at (209) 579-2221.

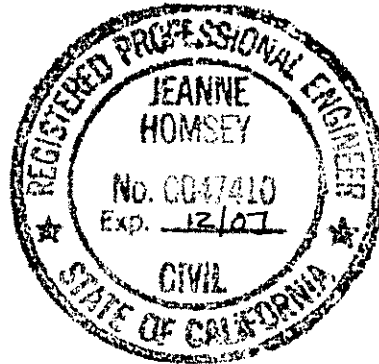
Respectfully submitted,
ATC Associates Inc.

Nathan Christman

Nathan Christman
Staff Geologist

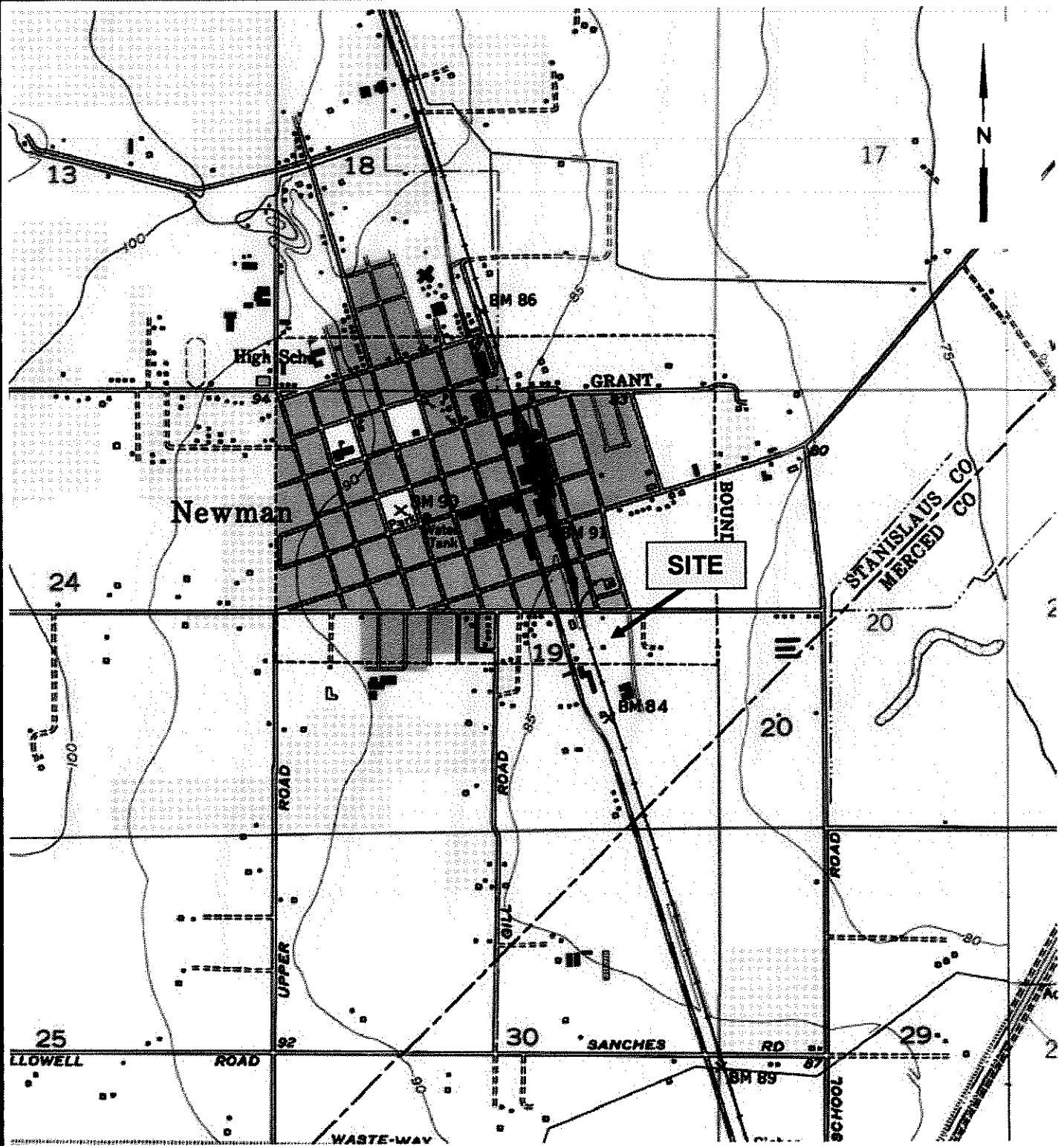
Jeanne Homsey

Jeanne Homsey, P.E.
CA Professional Engineer No. C47410



Attachments

cc: Mr. Chuck Betty
Mr. William Cerutti
Mr. Michael Smith, CVRWQCB



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP NEWMAN QUADRANGLE, CALIFORNIA, DATED 1952, PHOTOREVISED 1971, AND PHOTOINSPECTED 1978.



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DESIGNED BY: NC	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: NC	DATE: 09/05	FILE: LOCATION

FIGURE 1

SITE VICINTY MAP

FORMER GC & SP TRUCKING
2006 L STREET
NEWMAN, CALIFORNIA

